

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------------|------------------|---------|------------------|
| S1 | 58559 | \$5channel same (substrate or plate or surface) near2 (facing or opposing or opposite or (top and bottom) or (upper and lower)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 12:51 |
| S2 | 657 | S1 and \$5channel near4 (\$5bead or \$5particle or microsphere or nanosphere) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 12:53 |
| S3 | 22 | S2 and 435/6.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 12:53 |
| S4 | 6 | S2 and 435/283.1.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 12:53 |
| S5 | 9 | S2 and 422/68.1.ccls. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 12:53 |
| S6 | 34 | S3 or S4 or S5 | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 12:53 |
| S7 | 3383 | S1 and (etch\$3 or groov\$3) near2 (facing or opposing or opposite or (top and bottom) or (upper and lower)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:00 |
| S8 | 51 | S7 and \$5channel near4 (\$5bead or \$5particle or microsphere or nanosphere) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:00 |
| S9 | 1703 | S7 and (etch\$3 or groov\$3) near4 ((top and bottom) or (upper and lower)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:03 |

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| S10 | 167 | S7 and \$5channel same (\$5bead or \$5particle or microsphere or nanosphere) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:03 |
| S11 | 100 | S9 and \$5channel same (\$5bead or \$5particle or microsphere or nanosphere) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:03 |
| S12 | 63 | S11 not S8 | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:04 |
| S13 | 796 | (muller or kambara) and (\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:15 |
| S14 | 297 | S13 and (substrate or plate or surface) near2 (second or two or facing or opposing or opposite or (top and bottom) or (upper and lower)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:16 |
| S15 | 43 | S14 and (muller or kambara).in. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:17 |
| S16 | 1 | "5804384".PN. | USPAT; USOCR | OR | ON | 2009/01/08 13:23 |
| S17 | 52 | ("5804384").URPN. | USPAT | OR | ON | 2009/01/08 13:26 |
| S18 | 0 | ("6514751").URPN. | USPAT | OR | ON | 2009/01/08 13:30 |
| S19 | 42 | S13 and (substrate or plate or surface) near2 (second or two or facing or opposing or opposite or (top and bottom) or (upper and lower)) same groov\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:33 |

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|-----|-----|--|--------------------------------|----|----|---------------------|
| S20 | 20 | S19 not S15 | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:34 |
| S21 | 187 | (anderson.in. or affy\$7.as.) and (\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:43 |
| S22 | 19 | S21 and (\$5channel or \$5capillary) near6 groov\$4 | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/08 13:44 |
| S41 | 55 | (muller or kambara) and ((\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) and (substrate or plate) near6 (groov \$4)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:36 |
| S42 | 25 | (muller or kambara).in. and ((\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) and (substrate or plate) near6 (groov \$4)) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:37 |
| S43 | 1 | S41 and (\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) near4 (fit or fitting or diameter) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:38 |

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| S44 | 11 | S41 and (\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) same (fit or fitting or diameter) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:44 |
| S45 | 195 | 435/6.ccls. and (\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) same (fit or fitting or diameter) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:46 |
| S46 | 13 | S45 and (substrate or plate) near6 (groov\$4) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:46 |
| S47 | 3 | S45 and (substrate or plate) same (groov\$4) near4 (align\$5 or mate or mated or match \$3) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:50 |
| S48 | 29 | (substrate or plate) same (groov \$4) near4 (align\$5 or mate or mated or match\$3) and (\$5channel or \$5capillary) same (\$5bead or \$5particle or microsphere or nanosphere) same (fit or fitting or diameter) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 06:50 |
| S49 | 29 | S48 and (groov\$4 or indent\$7 or depress\$5) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 07:13 |
| S50 | 18 | ("6272939"). URPN. | USPAT | OR | ON | 2009/01/09 07:16 |

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| S51 | 2 | S50 and (substrate or plate) same (groov\$4) near4 (align\$5 or mate or mated or match \$3) and (\$5channel or \$5capillary) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 07:17 |
| S52 | 29 | S48 and (reces\$4 or groov\$4 or indent\$7 or depress\$5) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 08:01 |
| S54 | 51 | appler.a.s. and (substrate or plate) near6 (groov \$4) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 08:20 |
| S55 | 33 | appler.a.s. and (substrate or plate) near6 (groov \$4) same (\$5channel or \$5capillary) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 08:21 |
| S56 | 75 | appler.a.s. and (substrate or plate) near4 ((reces\$4 or groov \$4 or indent\$7 or depress\$5)) same (\$5channel or \$5capillary) | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/01/09 08:21 |

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